

# Converting Colors

Android(4294114046)

Have a look what the booklet for  
Android(4294114046) contains.

|  |    |
|--|----|
| <b>Android(4294114046)</b> .....               | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Android(4294114046)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F2FAFE                     |
| RGB         | 242, 250, 254              |
| RGB Percent | 95%, 98%, 100%             |
| CMY         | 0.0510, 0.0196, 0.0039     |
| CMYK        | 0.05, 0.02, 0.00, 0.00     |
| HSL         | 200°, 86%, 97%             |
| HSV         | 200°, 5%, 100%             |
| XYZ         | 88.6929, 94.4042, 107.3131 |
| YIQ         | 248.0640, -6.0520, -0.4520 |

# Conversions

## Conversions Part 2

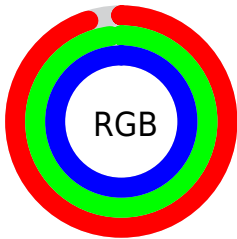
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 242, 247, 254                |
| Decimal                             | 15923966                     |
| CIE Lab                             | 97.79, -1.89, -2.84          |
| CIE LCh                             | 98, 3.411, 236.268           |
| Yxy                                 | 94.4042, 0.3054,<br>0.3251   |
| Android<br>(android.graphics.Color) | 4294114046<br>(0xFF2FAFE)    |
| YUV                                 | 248.0640, 2.9264,<br>-5.3181 |
| Hunter-Lab                          | 97.1618, -7.0917,<br>2.5288  |

# Details

The Android color `4294114046` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `4294899442`, and the grayscale version is `4294506744`.

A 20% lighter version of the original color is `4294967295`, and `4290429637` is the 20% darker color. If you saturate the color by 10%, you get `4292473598`, and if you desaturate by 10%, it is `4294967294`.

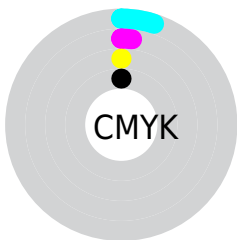
# Distribution



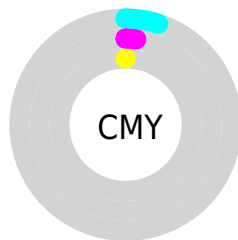
- Red (95%)
- Green (98%)
- Blue (100%)



- Red (95%)
- Yellow (97%)
- Blue (100%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294114046 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4294114046 by changing the saturation by 10% instead.



 4294114046

 4294114046

4294967295

 4292271585

 4290429637

 4288652970

 4286942352

 4285297526

 4283652701

 4282139462

 4280692016

 4279375899

4294114046

4294114046

4292473598

4294967294

4290767358

4289126910

4287420670

4285780222

4284139518

4282433534

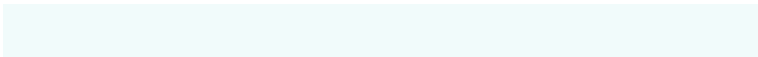
4280792830

4279086846

# Harmonies

## Analogous

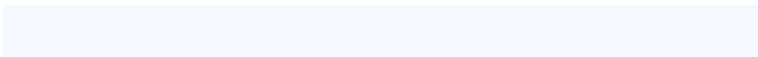
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294048763



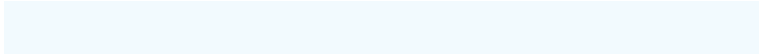
4294114046



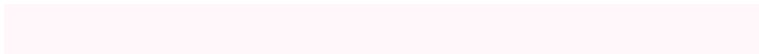
4294310399

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4294114046



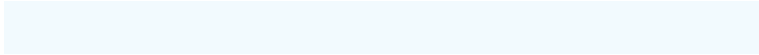
4294965241



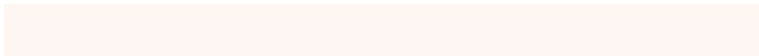
4294506995

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



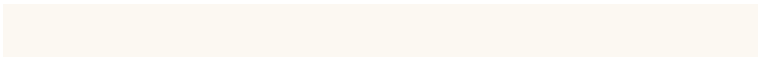
4294114046



4294899442

# Split Complementary

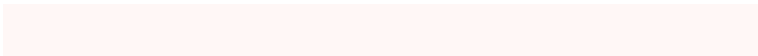
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294768882



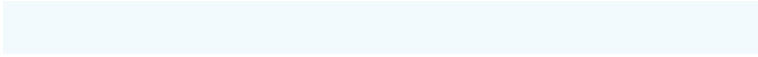
4294114046



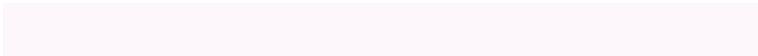
4294965238

# Square

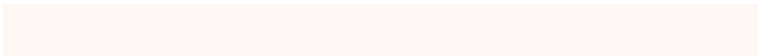
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



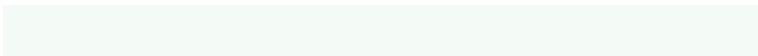
4294114046



4294834172



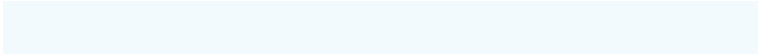
4294965235



4294245109

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294114046



4294506751



4294965235

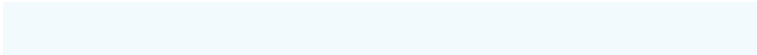


4294638066



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4294114046



4294770431



4294115062



4286480256



4278190080

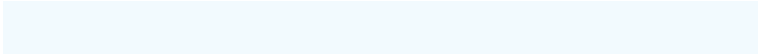


4286611584

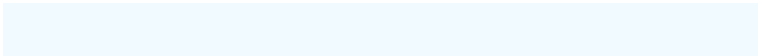


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4294114046



4293982975



4294112510



4286020992



4278222783



4278200896



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4294898426



4294963450



4294900978



4286609277



4290707583

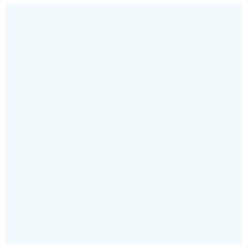


4282384426



# Previews

## White Background



This preview shows how the Android color 4294114046 looks on a white background.

## Color Contrast Check

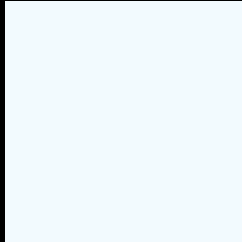
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4294114046 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

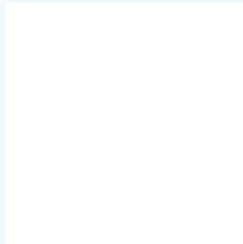
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4294114046 Background



This preview shows how black text looks on a background with the Android color 4294114046.

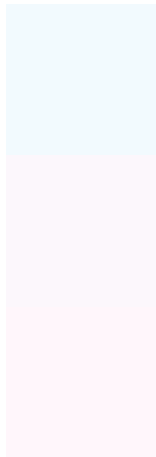


This preview shows how white text looks on a background with the Android color 4294114046.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



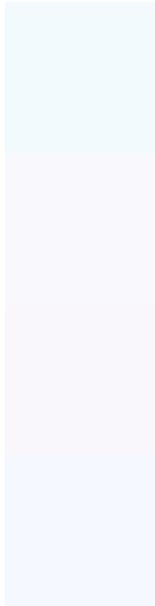
**Original Color**  
4294114046

**Protanopia**  
4294768636

**Deuteranopia**  
4294964987

**Tritanopia**  
4294441215

# Trichromacy



**Original Color**

4294114046

**Protanomaly**

4294506749

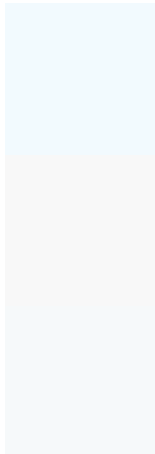
**Deuteranomaly**

4294637564

**Tritanomaly**

4294310399

# Monochromacy



**Original Color**

4294114046

**Achromatopsia**

4294506744

**Achromatomaly**

4294375930

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294114046 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 250, 254)` looks like.

```
.text, #text, p{  
    color:rgb(242, 250, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 250, 254) }
```

## Border

The CSS property to change the border of an element to Android 4294114046 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 250, 254) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 250, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 250, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(242, 250,  
254) }
```

# Background

The CSS property to change the background color of an element to Android 4294114046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 250, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
250, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor